Recycle! Recycle! Recycle!

Yesterday you learned three ways that you could help conserve natural resources. Who can give some examples of natural resources?

Recycle! Recycle! Recycle!

Recycle! Recycle! Recycle!

Who remembers the three Rs that we learned yesterday which are strategies for conserving or saving our natural resources?

Recycle! Recycle! Recycle!

To reduce means to try to use less or fewer things that come from natural resources.

Who can give specific examples of what you can do to reduce your use of natural resources?

Recycle! Recycle! Recycle!

The word reuse means to use things over and over again. Who can give an example of a way that you might reuse something?

Recycle! Recycle! Recycle!

The word recycle means to put something into a recycling container instead of a trash can so that it can be used to make something new.

Recycle! Recycle! Recycle!

When something is recycled, there is a process or a series of steps that take place to turn the used material into something new. The first step is for us to put the recyclables aside and save them in a special container instead of putting them in a trash can.

Recycle! Recycle! Recycle!

Do you have bins like these at your house, to sort your recyclables from your trash?

Recycle! Recycle! Recycle!

Today you will learn about the different steps that take place when something is recycled. Listen carefully to the read aloud to find out more about today's topic: recycling.

Recycle! Recycle! Recycle!

What do you think the artist is trying to say by placing the recycling symbol on top of Earth?

Recycle! Recycle! Recycle!

I asked an artist to make a picture with these green recycling arrows on top of me. I hope this will help you remember that recycling is very healthy for good old Earth.

Recycle! Recycle! Recycle!

Recycling is so important that I have come back to tell you even more about it, just to make sure that you understand how much good you are doing when you recycle something.

Recycle! Recycle! Recycle!

The very first step in the recycling process is, instead of throwing recyclable materials away in an ordinary trash can, you must put these things aside and save them in another container, like a recycling bin.

Recycle! Recycle! Recycle!

Once you have saved a lot of things to be recycled, they need to be brought to a place called a recycling center. Sometimes people bring their own recyclables directly to the recycling center.

Recycle! Recycle! Recycle!

In this picture you can see a place with several large bins of different colors. People can bring all their recyclable materials here, but everything has to go in the right place. Glass goes in one bin, cans in another, paper in another, and so on.

Recycle! Recycle! Recycle!

In some places, though, people do not have to go to the recycling center themselves. Instead, they can set out their recycling bins by the side of the road, just like they set out their garbage cans, and a special recycling truck comes by to empty the bins and take the recyclables to the recycling center.

Recycle! Recycle! Recycle!

Now some cities and towns even have single stream recycling, which lets you put all your recyclables into one large container and it gets sorted at the recycling center.

Recycle! Recycle! Recycle!

I don't know about you, but I think recycling is very interesting. Here's a colorful recycling picture. Can you guess what's being recycled in this picture?

Recycle! Recycle! Recycle!

This is a picture of plastic bottle tops! All of these bottle tops were collected at a recycling center. Then they were taken to a plastics recycling factory where they were pressed together in a big colorful mishmash.

Recycle! Recycle! Recycle!

Later, these bottle tops will be melted down into a liquid so that they can be remolded and turned into something new made of plastic.

Recycle! Recycle! Recycle!

Look around your classroom right now, and see if you can spot anything made of plastic. I bet you can! Maybe it's even made from recycled plastic. Or, maybe it's something you can recycle when you're done using so it can be made into something else.

Recycle! Recycle! Recycle!

Recycle! Recycle! Recycle!

What's in this picture? Here are some cans made out of a metal called aluminum. Maybe you have had drinks that come in cans like these. If you throw a can away into a trash can and send it off to a landfill, it will take at least five hundred years for that aluminum can to break down and decompose!

Recycle! Recycle! Recycle!

But if you put the same can in a recycling bin instead, the aluminum metal can be reused, and the cans don't have to buried in a landfill.

Recycle! Recycle! Recycle!

Let's take a closer look at how cans are recycled. This diagram, or drawing, shows what happens when you recycle an aluminum can. Aluminum is a natural resource that is mined and dug out of the earth.

Recycle! Recycle! Recycle!

From there, it goes to a factory where the raw aluminum is made into metal cans that can be filled with things, such as soda. After you buy a can of soda and drink it, you are left with an old, used can. You can throw the can in the garbage, but then it will end up in a landfill.

Recycle! Recycle! Recycle!

A better, more responsible solution is to put the empty can into a recycling bin. A solution is an answer to a problem.

Recycle! Recycle! Recycle!

These cans have already been sorted and cleaned at a recycling center and are now at a special recycling factory for aluminum. So plastic things go to a plastics recycling factory, and aluminum cans go to an aluminum factory.

Recycle! Recycle! Recycle!

Workers at the recycling factory crush the cans and melt them down in a big cooker with lots of other cans. Maybe they'll make a new can, and the cycle will begin all over again--the can gets filled with something to eat or drink. Someone uses the can and puts it in a recycling bin.

Recycle! Recycle! Recycle!

The can is brought to a recycling center and finally a factory, and so on, again and again.

Recycle! Recycle! Recycle!

What are these bottles made of? These bottles are made of glass. If you tossed bottles like these in the trash, they would be hauled away to a landfill. Some kinds of glass take about three thousand years to decompose. That's a long time! Luckily, many glass items can be recycled instead.

Recycle! Recycle! Recycle!

At the glass recycling factory, the glass is crushed into little pieces. Crushed glass is then put into a very hot furnace and melted into a super hot, glowing liquid. With enough heat, glass melts just like ice melts.

Recycle! Recycle! Recycle!

Here is a little piece of glass that has has been heated up so much that it is just about to melt and turn to liquid. Now imagine a big pot full of little bits of glass like this, all eventually melting together into a thick, hot, syrupy liquid. That's what you would find at a glass recycling factory.

Recycle! Recycle! Recycle!

This picture shows the inside of a bottle-making factory. These are freshly made bottles. They are so hot you dare not touch them! But they'll be cool and hard again soon.

Recycling really isn't hard to do, but I'll admit that it does require a little bit of extra work.

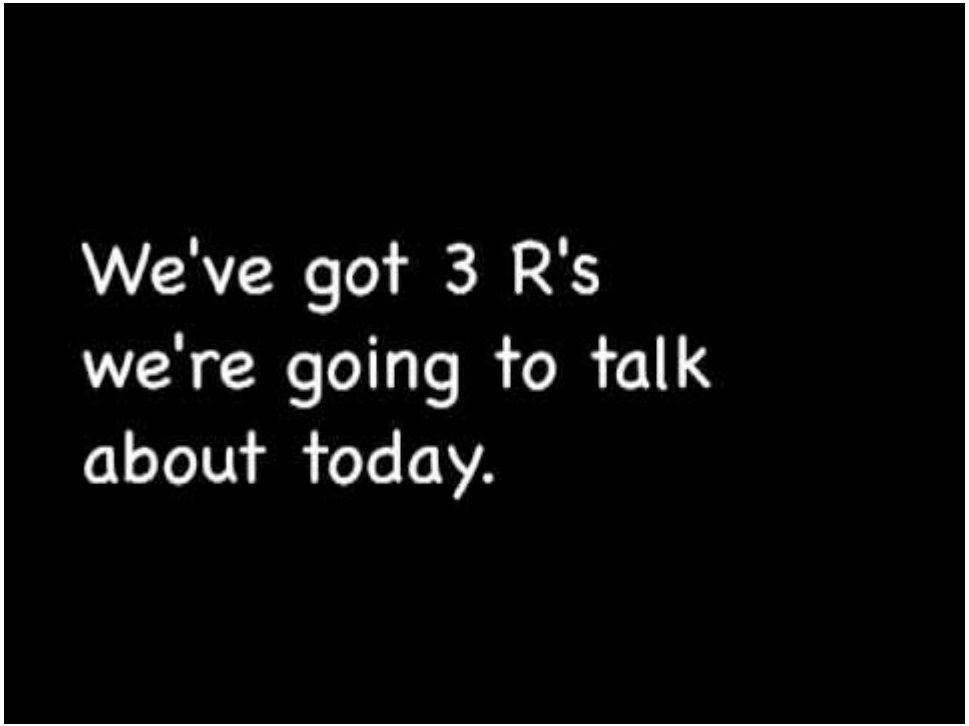
Recycle! Recycle! Recycle!

Taking the time to decide whether to throw something away in the garbage can or whether to put it in the recycling bin doesn't always make it to the top of the to-do list. But it really is worth the time to take care of good old Earth!

Recycle! Recycle! Recycle!

Be sure to ask yourself the next time you use a bottle, a can, or anything else: Is this recyclable? Can I conserve natural resources by making it into something useful again?

Recycle! Recycle! Recycle!



Recycle! Recycle! Recycle!

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Comprehension Questions:

Please answer in complete sentences.

Literal

What is the main topic of the read-aloud?

Recycle! Recycle! Recycle!

Comprehension Questions:

Please answer in complete sentences.

Literal

What is recycling?

Recycle! Recycle! Recycle!

Comprehension Questions:

Please answer in complete sentences.

Literal

Name some things you can recycle.

Recycle! Recycle! Recycle!

Comprehension Questions:

Inferential

Please answer in complete sentences.

What happens to the things you take to a recycling center?

Recycle! Recycle! Recycle!

Recycle! Recycle! Recycle!

Comprehension Questions:

Evaluative

Please answer in complete sentences.

Describe the steps taken to recycle glass.

Glass gets crushed, next it is melted, then people use the melted glass to make new glass items

Think. Pair. Share.

I'm going to ask you a question. I will give you a minute to think about the question, and then I will ask you to turn to your neighbor and discuss the question. Finally I will call on several of you to share what you discussed with your partner.

Think. Pair. Share.

Evaluative:

Is it important to recycle? Why or why not?

Word Work

Explicit Vocabulary Instruction

Recycle! Recycle! Recycle!

In the read aloud you heard, "A better, more responsible **solution** is to put (empty cans) into a recycling bin."

Say the word **solution** with me.
Whisper solution to the ceiling.
Whisper solution to your neighbor.
Let's clap it out.

Recycle! Recycle! Recycle!

Solutions are answers to problems.

Mark and Carmen both wanted to play with the blocks, so they decided that the best solution would be to take turns.

Recycle! Recycle! Recycle!

Tell about one possible solution to help keep Earth clean. Think about some of the problems that make the earth dirty or polluted, and then think of a solution to that problem. Try to use the word solution when you tell about it.

"One solution to help keep Earth clean is ..."

Recycle! Recycle! Recycle!

What's the word we have been talking about?

Let's clap it out.

Recycle! Recycle! Recycle!

The opposite of a solution is a problem. If something I say sounds like a solution, put your thumb up. If something I say sounds like a problem, put your thumb down.

Recycle! Recycle! Recycle!

The family cat is stuck in a tall tree

Recycle! Recycle! Recycle!

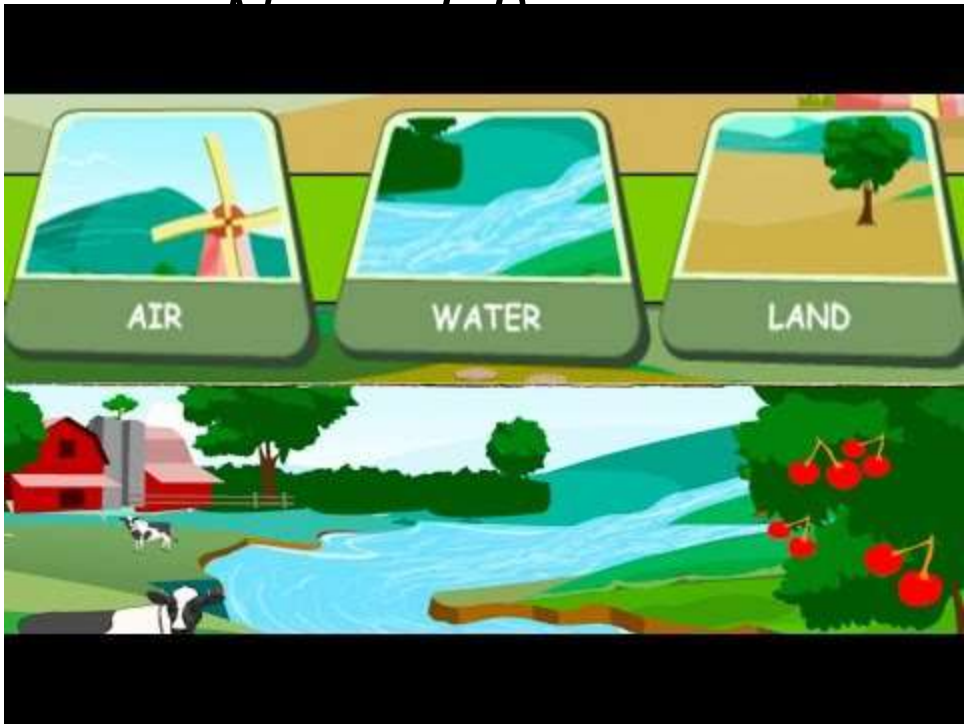
A fireman comes and gets the cat down

Recycle! Recycle! Recycle!

Two sisters are arguing about who gets the last cupcake

Recycle! Recycle! Recycle!

The sisters decide to share the cupcakes


AIR
WATER
LAND